

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A plasma display panel wherein an address interval for selecting discharge cells is included, and a display area and a non-display area co-exist, said panel comprising:

scanning/sustaining electrodes provided at each discharge cell for sequentially causing a second auxiliary discharge and an address discharge in the address interval;

common sustaining electrodes formed in parallel to the scanning/sustaining electrodes at each discharge cell; and

at least two dummy electrodes, being provided at the non-display area outside an effective display part of the plasma display panel, for ~~supplying~~ causing a first auxiliary discharge that supplies the non-display ~~area~~ and display areas with charged particles in the address interval.

2. (Previously Presented) The plasma display panel as claimed in claim 1, further comprising:

a dummy electrode driver that applies a dummy pulse to the dummy electrodes during the address interval to cause ~~[[a]]~~ the first auxiliary discharge between the dummy electrodes.

3. (Canceled).
4. (Previously Presented) The plasma display panel as claimed in claim 1, wherein the dummy electrodes are formed in parallel to the scanning/sustaining electrodes and the common sustaining electrodes.
5. (Previously Presented) The plasma display panel as claimed in claim 1, wherein the common sustaining electrodes maintain a ground potential in the address interval.
6. (Currently Amended) A plasma display panel wherein an address interval for selecting discharge cells is included, and a display area and a non-display area co-exist, said panel comprising:
 - a dummy electrode driver for applying a dummy pulse to dummy electrodes such that the dummy electrodes formed at the non-display area outside an effective display part of the plasma display panel can cause a first auxiliary discharge in the address interval; and
 - a scanning/sustaining driver for sequentially applying an auxiliary pulse, which causes a second auxiliary discharge in the address interval, and a scanning pulse, which causes an address discharge in the address interval, to scanning/sustaining electrodes ~~such that the scanning/sustaining electrodes formed at the display area can sequentially cause a second auxiliary discharge and an address discharge in the address interval.~~

7. (Previously Presented) The plasma display panel as claimed in claim 6, wherein the discharge cells within an effective display part are supplied with charged particles produced during the first auxiliary discharge.

8. (Previously Presented) The plasma display panel as claimed in claim 6, wherein the auxiliary pulse has a positive polarity and the scanning pulse has a negative polarity.

9. (Currently Amended) A method of driving a plasma display panel comprising :
applying ~~a different polarity of pulses~~ of different polarity to scanning/sustaining electrodes in an address interval, so as to sequentially cause a second auxiliary discharge and an address discharge; and

applying a pulse to a dummy electrode located in a non-display area outside a circumference of a display area of said plasma display panel and thus outside an effective display part of the plasma display panel, so as to cause a first auxiliary discharge in the address interval.

10. (Canceled).

11. (Currently Amended) The method as claimed in claim ~~[[10]]~~ 2, wherein the pulses of different polarity comprise an auxiliary pulse ~~[[has]]~~ of a positive polarity and ~~[[the]]~~ a scanning pulse ~~has a~~ of negative polarity.

12. (Currently Amended) A method of driving a plasma display panel comprising:
applying a dummy pulse to dummy electrodes positioned at a non-display area outside an effective display part of the plasma display panel causing a first auxiliary discharge that supplies discharge cells with charged particles;

applying a positive auxiliary pulse, which causes a second auxiliary discharge, and a negative scanning pulse, which causes an address discharge, to scanning/sustaining electrodes positioned at a display area in an address interval ~~causing a second auxiliary discharge and an address discharge~~; and

applying a data pulse synchronized with the scanning pulse to address electrodes arranged perpendicularly to the scanning/sustaining electrodes causing said address discharge between the address electrodes and the scanning/sustaining electrodes.

13. (Previously Presented) The plasma display panel as claimed in claim 1, further comprising address electrodes perpendicular to said scanning/sustaining electrodes and said common sustaining electrodes.

14. (Canceled).

15. (Canceled).

16. (Currently Amended) The plasma display panel as claimed in claim 1, wherein said non-display area does not include any discharge cells.

17. (Previously Presented) The plasma display panel as claimed in claim 1, wherein said non-display area is outside of a circumference of said display area.

18. (Canceled).

19. (Currently Amended) The plasma display panel as claimed in claim 1, wherein a first of said at least two dummy electrodes ~~provides~~ receives a first dummy pulse which is provided during a negative scanning pulse of said scanning/sustaining electrode.

20. (Canceled).

21. (Previously Presented) The plasma display panel as claimed in claim 6, wherein the scanning pulse has a pulse width shorter than that of the auxiliary pulse.

22. (Canceled).

23. (Previously Presented) The plasma display panel as claimed in claim 6, wherein said non-display does not include any discharge cells.

24. (Previously Presented) The plasma display panel as claimed in claim 6, wherein said non-display area is outside of a circumference of said display area.

25. (Canceled).

26. (Currently Amended) The plasma display panel as claimed in claim 6, wherein ~~a first of~~ said dummy electrodes comprise at least two dummy electrodes ~~provides and a first of~~ the at least two dummy electrodes receives a first dummy pulse which is provided during a negative scanning pulse of said scanning/sustaining electrode.

27. (Currently Amended) A plasma display panel wherein an address interval for selecting discharge cells is included, and a display area and a non-display area co-exist, said panel comprising:

a dummy electrode driver for applying a dummy pulse to dummy electrodes such that the dummy electrodes formed at the non-display area can cause a first auxiliary discharge in the address interval; and

a scanning/sustaining driver for sequentially applying an auxiliary pulse, which causes a second auxiliary discharge in the address interval, and a scanning pulse, which causes an address discharge in the address interval, to scanning/sustaining electrodes ~~such that the scanning/sustaining electrodes formed at the display area can sequentially cause a second auxiliary discharge and an address discharge in the address interval~~, wherein said at least two dummy electrodes comprise a first and a second dummy electrode, and wherein said first dummy electrode alternates forming pulses with said second dummy electrode.

28. (Canceled).

29-31. (Canceled).

32. (Currently Amended) A method of driving a plasma display panel comprising:
applying a dummy pulse to dummy electrodes positioned at a non-display area
causing a first auxiliary discharge that supplies discharge cells with charged particles;
applying a positive auxiliary pulse, which causes a second auxiliary discharge, and a
negative scanning pulse, which causes an address discharge, to scanning/sustaining electrodes
positioned at a display area in an address interval ~~causing a second auxiliary discharge and an
address discharge~~;
applying a data pulse synchronized with the scanning pulse to address electrodes
arranged perpendicularly to the scanning/sustaining electrodes causing said address discharge
between the address electrodes and the scanning/sustaining electrodes; and
applying an alternate dummy pulse to a dummy electrode while said scanning
pulse is applied to said scanning/sustaining electrodes.

33. (Canceled).

34. (Previously Presented) The method as claimed in claim 12, further comprising:
forming an auxiliary discharge in a non-display area of said plasma display panel.

35. (Previously Presented) The method as claimed in claim 12, further comprising:
forming a priming discharge by applying a pulse to a dummy electrode located outside of a display area of said plasma display panel.

36. (Currently Amended) A plasma display panel, comprising:
scanning/sustaining electrodes;
common sustaining electrodes formed in parallel to said scanning/sustaining electrodes;
dummy electrodes formed in parallel to said scanning/sustaining electrodes and said common sustaining electrodes at a non-display area outside an effective display part of the plasma display panel;
a dummy electrode driver that applies a dummy pulse to said dummy electrodes causing a first auxiliary discharge in an address interval; and
a scanning/sustaining driver that sequentially applies an auxiliary pulse, which causes a second auxiliary discharge in the address interval, and a scanning pulse, which causes an address discharge in the address interval, to said scanning/sustaining electrodes sequentially ~~causing a second auxiliary discharge and an address discharge in the address interval~~, wherein said common sustaining electrodes maintain a ground potential in the address interval.

37. (Previously Presented) The plasma display panel as claimed in claim 36, further comprising discharge cells within an effective display part, wherein said discharge cells are supplied with charged particles produced during the first auxiliary discharge.

38. (Previously Presented) The plasma display panel as claimed in claim 36, wherein said auxiliary pulse has a positive polarity and said scanning pulse has a negative polarity.